

LUKE HANSE

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EDUCATION

Texas A&M University, College Station, TX

Anticipated Graduation: May 2021

Bachelor of Science in Petroleum Engineering, *Minor* in Business

Cumulative GPA: 3.12

Organizations: Society of Petroleum Engineers & American Association of Drilling Engineers

Awards/Certificates: Deans List Award Recipient, CPR, First Aid, H2S Safety

PROFESSIONAL EXPERIENCE

NuStar Energy: *Pipeline Integrity Engineer Intern:* San Antonio, TX

June 2020 – August 2020

- Analyzed data from six In-line inspection tool runs and presented findings
 - Performed corrosion growth and deformation analysis on crude, refined products, and ammonia pipelines
 - Recommended repairs and future inspection/maintenance schedule for each segment
- Monitored overall pipeline inspection tool performance and data quality
- Observed field operations for receiving an in-line inspection tool
- Aided in preparation for upcoming PHMSA Audit

Oasis Petroleum: *Production Field Engineer Intern:* Williston, ND

May 2019 – August 2019

- Devised a chemical transition plan and recommendation for Indian Hills Field
 - Monitored overall chemical program performance in Hebron and Painted Woods Fields
 - Performed various types of lab practices and procedures
 - Pump Failure Analysis, Scale/Corrosion Identification, Complete Water Analysis
 - Developed a Visual Basic for Applications (VBA) program that streamlined lab reporting process
 - Presented all findings and recommendations to company executives
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VOLUNTEER EXPERIENCE

Watford City RibFest: Watford City, North Dakota

July 2019

- Volunteer cook and food server food in city-wide fundraising event

The Big Event: College Station, Texas

March 2017 - 2019

- Aided in household projects/chores for families in the Bryan/College Station area

Cherokee Creek Music Festival: Cherokee, Texas

May 2015 – 2018

- Volunteer cook and food server in children's charity fundraiser

H-E-B Feast of Sharing: San Antonio, Texas

December 2017

- Volunteer greeter and server in a charity effort to fight hunger in San Antonio
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TECHNICAL SKILLS

- Software Experience: Excel VBA, Interactive Petrophysics (IP), @Risk, PrecisionTree, KAPPA, PVTsim Nova
- Microsoft Office Experience: Excel, PowerPoint, Word, Outlook, Publisher
- Strong flow assurance knowledge in artificial lift and pipeline applications
- Demonstrated ability to effectively manage time and multi-task while working in a variety of environments
- Experience with field operations in upstream and midstream environments
- Advanced technical writing and communication skills